



>AY009402 ACCESSION:AY009402 NID: gi 11693045 gb AY009402.1 Homo
sapiens WNT8d precursor (WNT8d) mRNA, complete cds
Length = 1597

Score = 702 bits (1791), Expect = 0.0
Identities = 327/334 (97%), Positives = 328/334 (97%)
Frame = +2

Query: 33 CLTFSLFGRSVNNFLITGPKAYLTYTTSVALGAQSGIEECKFQFAWERWNCPENALQLST 92
C FS SVNFLITGPKAYLTYTTSVALGAQSGIEECKFQFAWERWNCPENALQLST
Sbjct: 143 CAAFSASAWSVNNFLITGPKAYLTYTTSVALGAQSGIEECKFQFAWERWNCPENALQLST 322

Query: 93 HNRLRSATRETSFIHAISSAGVMYIITKNC SMGDFENC GCDGSNNGKTGGHGWIWGGCSD 152
HNRLRSATRETSFIHAISSAGVMYIITKNC SMGDFENC GCDGSNNGKTGGHGWIWGGCSD
Sbjct: 323 HNRLRSATRETSFIHAISSAGVMYIITKNC SMGDFENC GCDGSNNGKTGGHGWIWGGCSD 502

Query: 153 NVEFGERISKLFVDSLEK GK DARALMNLHNNRAGRLAVRATMKRTCKCHGISGSCSIQTC 212
NVEFGERISKLFVDSLEK GK DARALMNLHNNRAGRLAVRATMKRTCKCHGISGSCSIQTC
Sbjct: 503 NVEFGERISKLFVDSLEK GK DARALMNLHNNRAGRLAVRATMKRTCKCHGISGSCSIQTC 682

Query: 213 WLQLAEFREM GDYLKAKYDQALKIEMDKRQLRAGNSAEGHWVP AEAF LPSAEAE LIFLEE 272
WLQLAEFREM GDYLKAKYDQALKIEMDKRQLRAGNSAEGHWVP AEAF LPSAEAE LIFLEE
Sbjct: 683 WLQLAEFREM GDYLKAKYDQALKIEMDKRQLRAGNSAEGHWVP AEAF LPSAEAE LIFLEE 862

Query: 273 SPDYCTCNSSLGIYGTEGRECLQNSHNTSRWERRSCGRLCTECGLQVEERKTEVISSCNC 332
SPDYCTCNSSLGIYGTEGRECLQNSHNTSRWERRSCGRLCTECGLQVEERKTEVISSCNC
Sbjct: 863 SPDYCTCNSSLGIYGTEGRECLQNSHNTSRWERRSCGRLCTECGLQVEERKTEVISSCNC 1042

Query: 333 KFQWCCTVKCDQCRHVVS KY YCARSPGSAQSLGK 366
KFQWCCTVKCDQCRHVVS KY YCARSPGSAQSLG+
Sbjct: 1043 KFQWCCTVKCDQCRHVVS KY YCARSPGSAQSLGR 1144



Entrez

PubMed

Nucleotide

Protein

Genome

Structure

PMC

Taxonomy

Books

Search for

Limits

Preview/Index

History

Clipboard

Details

Show:

☐ 1: AY009402. Homo sapiens WNT8...[gi:11693045][Links](#)

LOCUS AY009402 1597 bp mRNA linear PRI 13-DEC-2000

DEFINITION Homo sapiens WNT8d precursor (WNT8d) mRNA, complete cds.

ACCESSION AY009402

VERSION AY009402.1 GI:11693045

KEYWORDS .

SOURCE Homo sapiens (human)

ORGANISM Homo sapiensEukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.

REFERENCE 1 (bases 1 to 1597)

AUTHORS Testa,T.T., Mossakowska,D.E., Carter,P.S., Hu,E., Zhu,Y.,
Kelsell,D.P., Murdock,P.R., Herrity,N.C., Lewis,C.J., Cross,D.A.,
Culbert,A.A., Reith,A.D. and Barnes,M.R.

TITLE Molecular cloning and characterization of six novel human WNT genes

JOURNAL Unpublished

REFERENCE 2 (bases 1 to 1597)

AUTHORS Barnes,M.R.

TITLE Direct Submission

JOURNAL Submitted (18-AUG-2000) Genomic Bioinformatics, Biotechnology and
Genetics, Neurosciences and Renal Pharmacology, Smithkline Beecham
Pharmaceuticals, New Frontiers Science Park (North), Third Avenue,
Harlow, Essex CM19 5AW, UK

FEATURES Location/Qualifiers

source

1..1597

/organism="Homo sapiens"

/mol_type="mRNA"

/db_xref="taxon:9606"

/chromosome="5"

/map="5q31"

gene

1..1597

/gene="WNT8d"

CDS

101..1168

/gene="WNT8d"

/codon_start=1

/product="WNT8d precursor"

/protein_id="AAG38662.1"

/db_xref="GI:11693046"

/translation="MGNLFMLWAALGICCAAFSASAWSVNNFLITGPKAYLTYTTSVA
LGAQSGIEECKFQFAWERWNCPENALQLSTHNRLRSATRETSFIHAISSAGVMYIITK
NCSMGDFENCDCGDSNNGKTGGHGWIGGCSNVEFGERISKLFVDSLEKGDARALM
NLHNNRAGRLAVRATMKRTCKCHGISGSCSIQTCWLQLAEFREMGDYLLKAKYDQALKI
EMDKRQLRAGNSAEGHWVPAEAFPSAEALIFLEESPDYCTCNSSLGIYGTEGRECL
QNSHNTSRWERRSCGRLCTEGLQVEERKTEVISSCNCKFQWCCTVKCDQCRHVVS
KYCARSPGSAQSLGRVWFGVYI"sig_peptide

101..172

/gene="WNT8d"

ORIGIN

1 cagaattttc tcacataaat actgaggaag accctgcctt ctctcactc ctctggactt
61 ggccctgagc tggacctggt ccactggggt aggcagggcg atggggaacc tgtttatgct

121 ctgggcagct ctgggcatat gctgtgctgc attcagtgcc tctgcctggt cagtgaacaa
181 ttctctgata acagggtccca aggcctatct gacctacacg actagtgtgg ccttgggtgc
241 ccagagtggc atcgaggagt gcaagttcca gtttgcttgg gaacgctgga actgccctga
301 aaatgctctt cagctctcca cccacaacag gctgagaagt gctaccagag agacttcctt
361 catacatgct atcagctctg ctggagtcac gtacatcatc accaagaact gtagcatggg
421 tgacttcgaa aactgtggct gtgatgggtc aaacaatgga aaaacaggag gccatggctg
481 gatctgggga ggctgcagcg acaatgtgga atttggggaa aggatctcca aactctttgt
541 ggacagtttg gagaagggga aggatgccag agccctgatg aatcttcaca acaacagggc
601 cggcagactg gcagtgcagc ccaccatgaa aaggacatgc aaatgtcatg gcatctctgg
661 gagctgcagc atacagacat gctggctgca gctggctgaa ttccgggaga tgggagacta
721 cctaaaggcc aagtatgacc aggcgctgaa aattgaaatg gataagcggc agctgagagc
781 tgggaacagc gccgagggcc actgggtgcc cgctgaggcc ttccttccta gcgcagaggc
841 ggaactgatc tttttagagg aatcaccaga ttactgtacc tgcaattcca gcctgggcat
901 ctatggcaca gagggctcgt agtgcctaca gaacagccac aacacatcca ggtgggagcg
961 acgtagctgt gggcgctgt gcaactgagtg tgggctgcag gtggaagaga ggaaaactga
1021 ggtcataagc agctgtaact gcaaattcca gtggtgctgt acggtcaagt gtgaccagtg
1081 taggcatgtg gtgagcaagt attactgctc acgctcccca ggcagtggcc agtccctggg
1141 gagagttttg tttgggtct atacttagag ggaccttcaa agtatttgtt cttttaaat
1201 tcagaccatg tccaacccag ctgtgctgct gggaatcagg agaatagaag caaaaaacga
1261 aagagttctg ttcagacttc tgaagagcag cctgtggcta caaatctatg ctgataaatg
1321 agattgagaa ctcaactgta ttttgccata aatgcttcta agatataatc agctgggact
1381 tctattactc cctttggaaa ccttaagatc aaaaaggga taagaaacc ttcttctgta
1441 tccaataat ccaccaggat aaaggagaaa ctagaaatat gcaactccct tgatttcagt
1501 gtttggcagg taacaaaaaa ttgagacca gacactggc aacaggaaaa caatacagac
1561 tcccagaatt agaaagtgtt attttaatgc aacctag

//

[Disclaimer](#) | [Write to the Help Desk](#)
[NCBI](#) | [NLM](#) | [NIH](#)

Jun 8 2004 17:01:12